FIG. 1

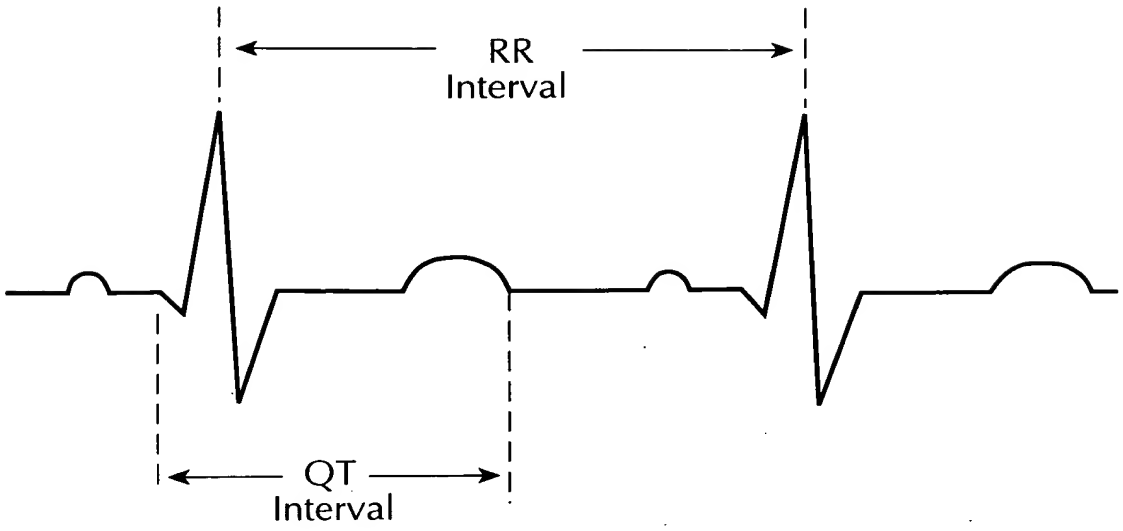


FIG. 2

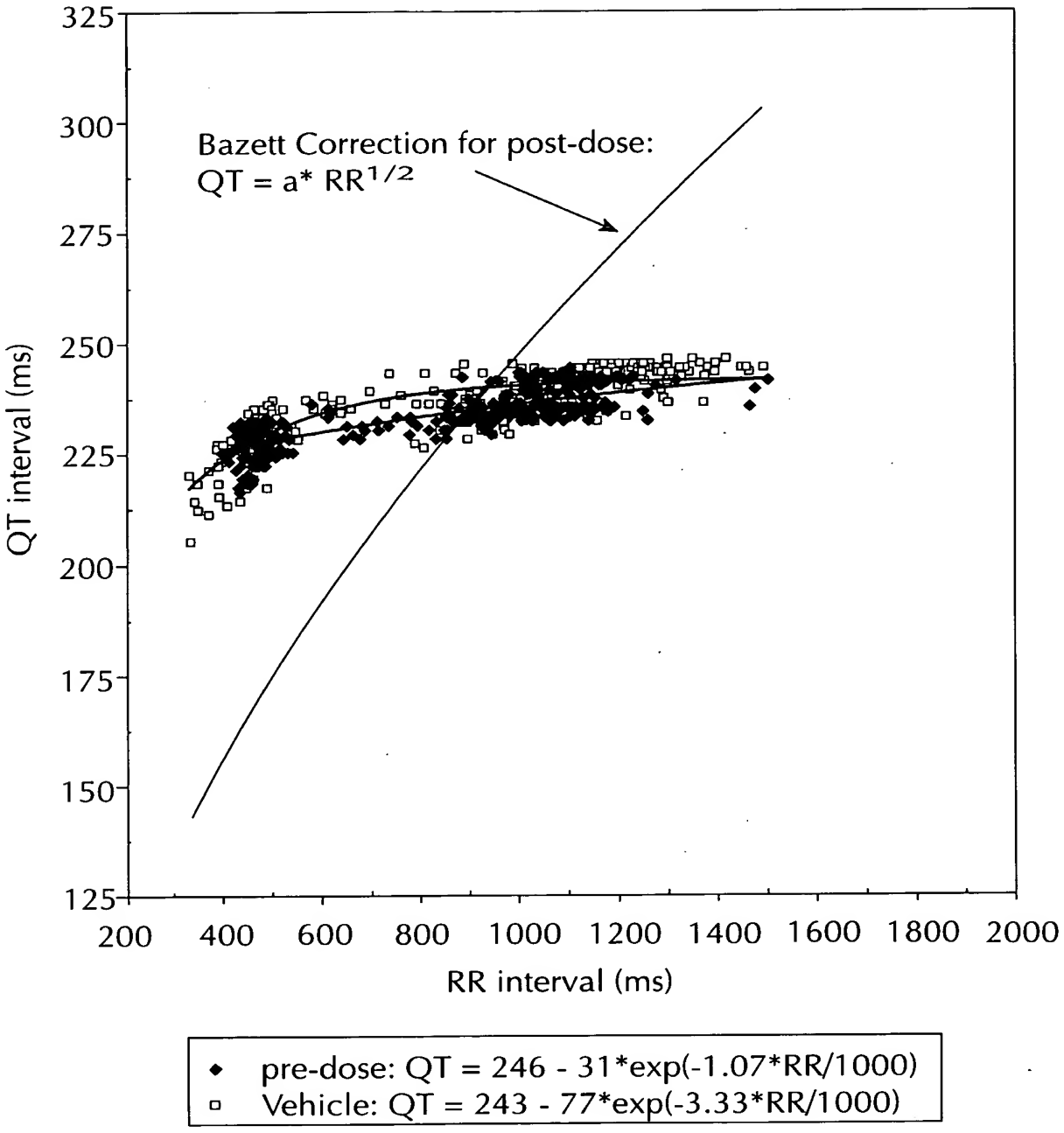

325
300
275
250
225
200
175
150
125
QT interval (ms)
Bazett Correction for post-dose:
QT = a* RR1/2
200
400
600
800
1000
1200
1400
1600
1800
2000
RR interval (ms)
pre-dose: QT = 246 - 31*exp(-1.07*RR/1000)
Vehicle: QT = 243 - 77*exp(-3.33*RR/1000)

FIG. 3

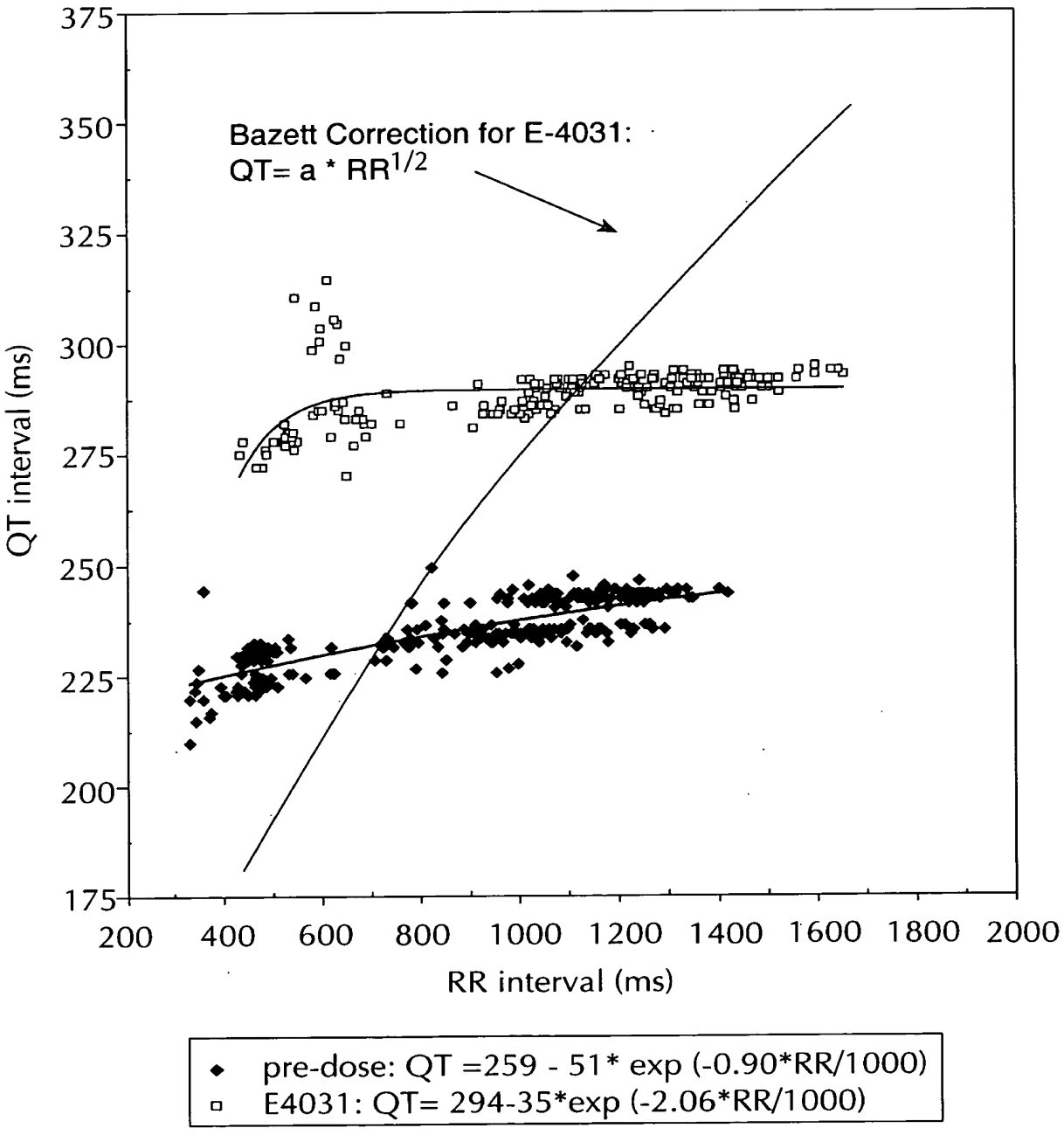

Bazett Correction for E-4031:
QT= a * RR1/2
QT interval (ms)
RR interval (ms)
375
350
325
300
275
250
225
200
175
200
400
600
800
1000
1200
1400
1600
1800
2000
pre-dose: QT =259 - 51* exp (-0.90*RR/1000)
E4031: QT= 294-35*exp (-2.06*RR/1000)

FIG. 4

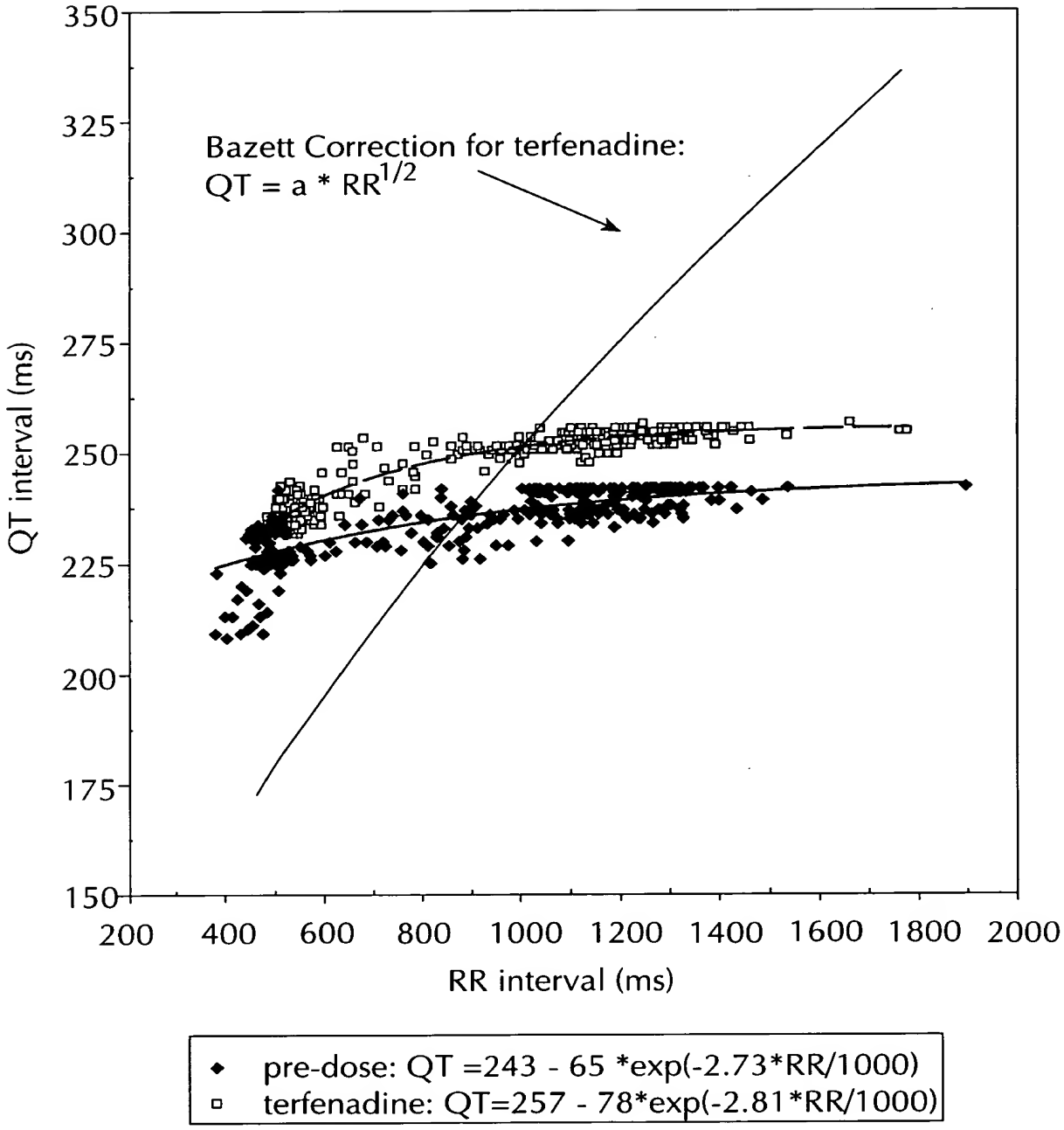

Bazett Correction for terfenadine:
QT = a * RR^1/2
QT interval (ms)
RR interval (ms)
350
325
300
275
250
225
200
175
150
200
400
600
800
1000
1200
1400
1600
1800
2000
pre-dose: QT =243 - 65 *exp(-2.73*RR/1000)
terfenadine: QT=257 - 78*exp(-2.81*RR/1000)

FIG. 5

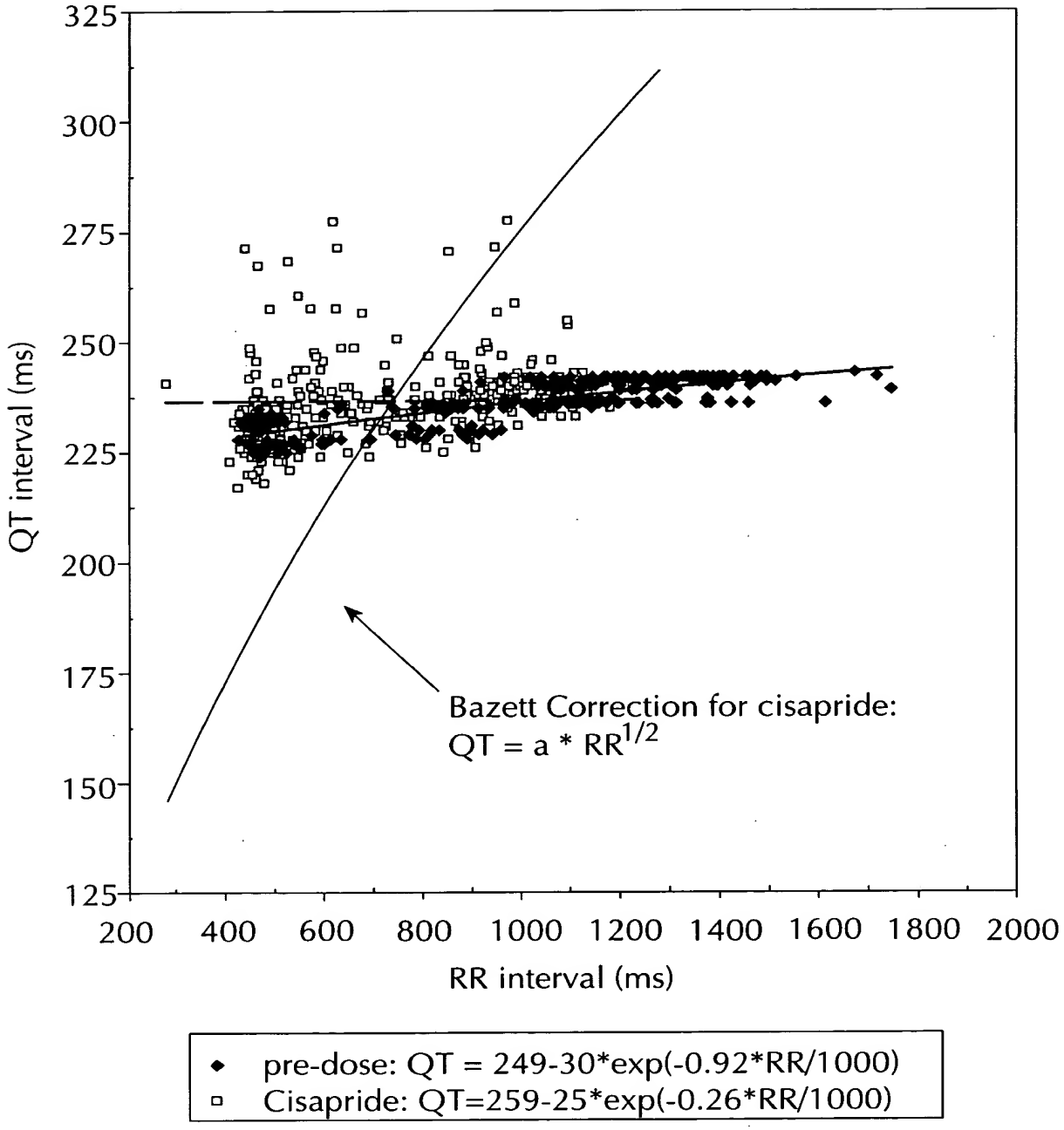

325
300
275
250
225
200
175
150
125
QT interval (ms)
200
400
600
800
1000
1200
1400
1600
1800
2000
RR interval (ms)
Bazett Correction for cisapride:
QT = a * RR^1/2
pre-dose: QT = 249-30*exp(-0.92*RR/1000)
Cisapride: QT=259-25*exp(-0.26*RR/1000)

FIG. 6

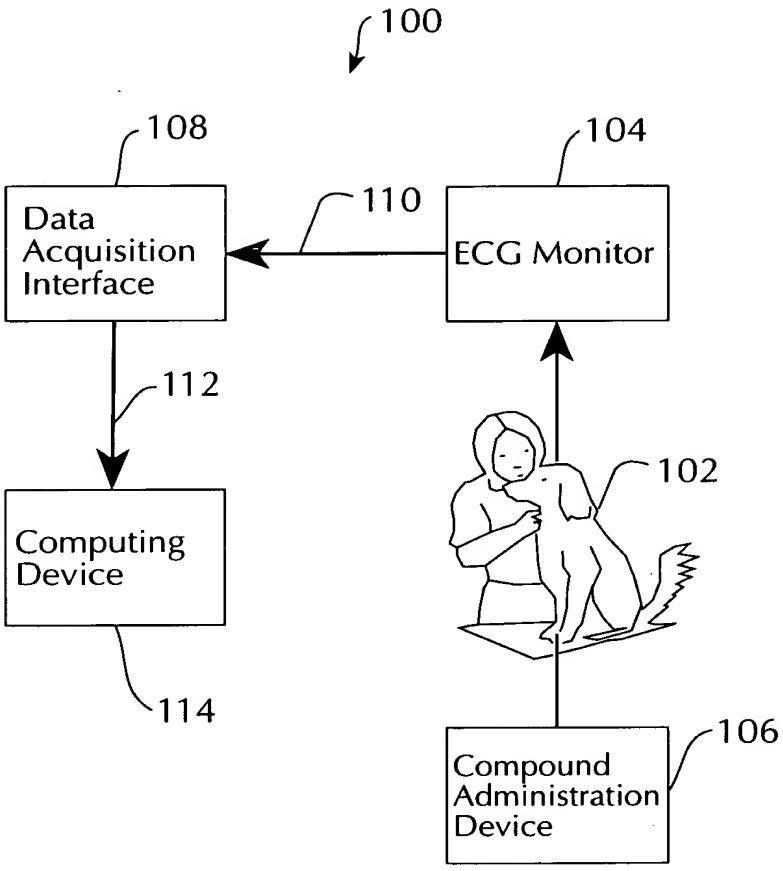

100
108
104
Data Acquisition Interface
110
ECG Monitor
112
102
Computing Device
114
106
Compound Administration Device

FIG. 7

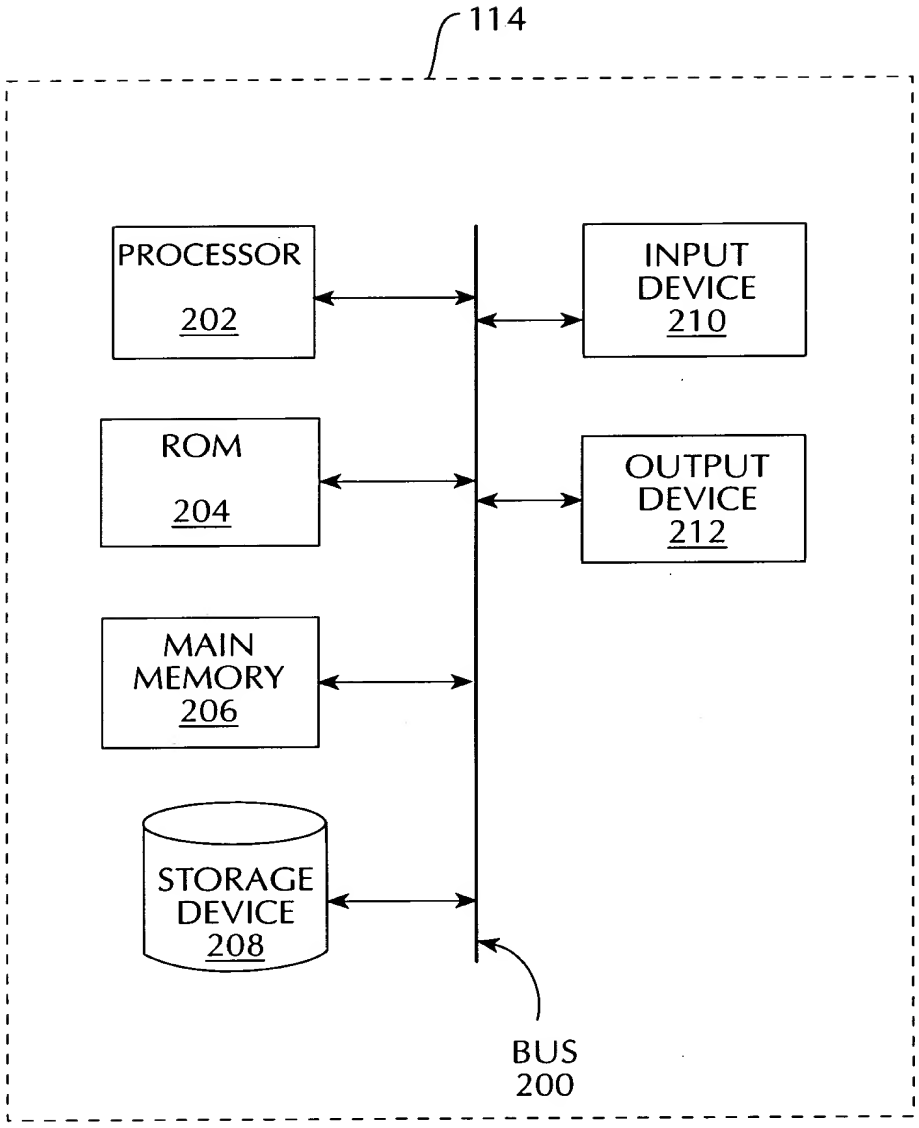
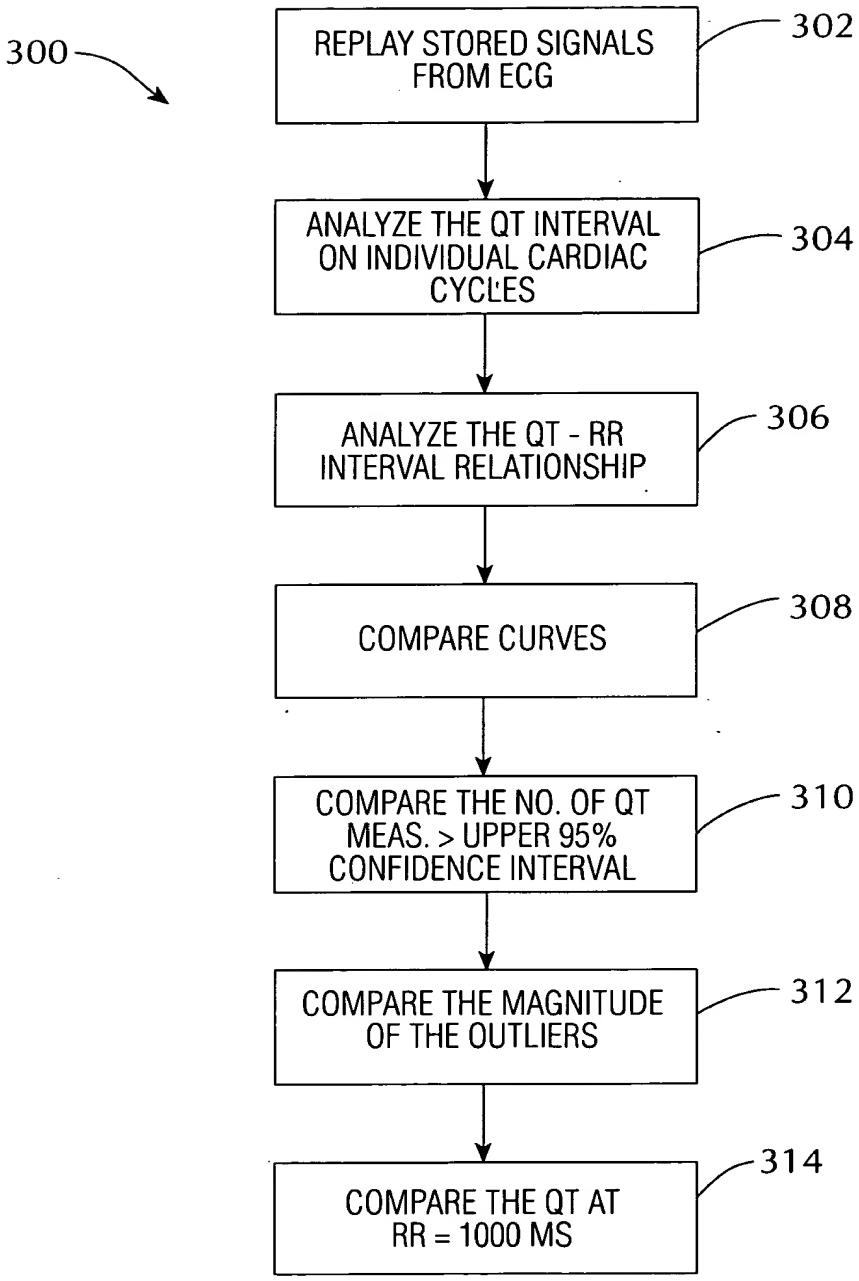

114
PROCESSOR
202
ROM
204
MAIN
MEMORY
206
STORAGE
DEVICE
208
INPUT
DEVICE
210
OUTPUT
DEVICE
212
BUS
200

FIG. 8


300
REPLAY STORED SIGNALS FROM ECG
302
ANALYZE THE QT INTERVAL ON INDIVIDUAL CARDIAC CYCLES
304
ANALYZE THE QT - RR INTERVAL RELATIONSHIP
306
COMPARE CURVES
308
COMPARE THE NO. OF QT MEAS. > UPPER 95% CONFIDENCE INTERVAL
310
COMPARE THE MAGNITUDE OF THE OUTLIERS
312
COMPARE THE QT AT RR = 1000 MS
314